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WILLIAM E. GRAUL

CONSULTING ENGINEER
2023 GARRETT ROAD
BREXEL HILL, PA. 19026

June 1, 1972

Mr. Terry Fabian, Operations Chief
Department of Environmental Resources
1875 New Hope Street
Morristown, Pa. 19401

Re: Milford Rivet & Machine Co.
Matboro, Pa.

Dear Mr. Fabian:

The above company operates a small plating installation, consisting principally of cyanide plating solutions and one Acid Nickel plating bath. The rinse water effluent from this plant, together with mild acid or caustic waste from tumbling barrels is pre-treated in an industrial waste treatment plant prior to discharge to the sanitary sewer maintained by the Upper Mereland-Matboro Joint Sewer Authority.

There are four earth lagoons in conjunction with the waste treatment system. Initially these lagoons were used only for settling of precipitates and other solids after treatment of wastes with hypochlorite and acid, but due to an increase in production and extension of the work day to 16 hours it is not practical to treat the waste water prior to storage for settling. Consequently untreated waste waters are presently stored in the lagoons, and treated in the waste treatment building prior to discharge. The sludge formed in the process is discharged to the lagoons, and allowed to accumulate for periodic disposal.

On December 1, 1971 the Company received a violation notice from the Department of Environmental Resources stating that the lagoons do not conform to the requirements for impoundments. Various methods of correcting the existing conditions were explored.

It is now contemplated that the waste treatment system will be converted to continuous treatment, and the lagoons completely eliminated. Since the proposed method has been tentatively approved by the Sewer Authority, this work is scheduled to proceed during the month of July during plant summer shutdown.

The lagoons will be drained, and any accumulation of sludge remaining will be removed and disposed of by a licensed disposal service. It is then planned to completely fill in the present lagoons and create a grass area. No other use for the space is contemplated in the foreseeable future.

Please advise if any other data should be submitted or approvals obtained before the lagoons are filled and eliminated.

Yours Very truly,
W. E. Graul
William E. Graul, P.E.